

# Ysleta ISD Long-Range Technology Plan

## History of YISD Technology Planning

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### Reaching the Goals of the Technology Plan of 1998 (cont'd)

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#### Learning Opportunities

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Goal: To synthesize and communicate relevant knowledge by developing strategies to increase/assess student and educator **technology proficiencies**.

Four activities were identified to meet this goal. All four were completed.

Goal: To provide access to technology to raise student expectations, choices and productivity by **maximizing learning opportunities**.

Eight activities were identified to meet this goal. Four were completed (1, 2, 3, 5), including implementation of teacher laptop initiative. Four are in progress (4, 6, 7, 8).

Goal: To maintain **educator's skill currency** and facilitate the sharing and distribution of technology knowledge and skills.

Four activities were identified to meet this goal. All four were completed.

Goal: To provide opportunities to acquire knowledge through information by **providing / ensuring universal access** to appropriate information resources.

Four activities were identified to meet this goal. All four were completed.

#### Marketing/ Community

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Goal: To make district resources widely available to the community by **expanding the "learning day"** and using **flexible staff scheduling**.

Two activities were identified to meet this goal. Both were completed.

# Ysleta ISD Long-Range Technology Plan

## History of YISD Technology Planning

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### Reaching the Goals of the Technology Plan of 1998 (cont'd)

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#### Marketing/ Community (Continued)

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Goal: To change parental mindsets by delivering **equitable and standard technology** in our schools, homes, and community "getting the best bang for our buck" (GTBBFOB) by opening campuses in the evenings.

Two activities were identified to meet this goal. Both were completed.

Goal: To market technology choices and attract new students to the district by **showcasing our successes** in technology related support programs.

Two activities were identified to meet this goal. Activity 1. was completed; activity 2. (tracking students from school to tech-related professions) is in progress.

#### Communications/Attitude

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Goal: To educate YISD educators (faculty and administrators) that the **YISD Technology Plan can enhance the learning process**, encourage parental involvement, and increase teacher effectiveness.

Two activities were identified to meet this goal. Activity 1. was completed; activity 2. is in progress.

Eight activities were identified to meet this goal. Four were completed (1, 2, 3, 5), including implementation of teacher laptop initiative. Four are in progress (4, 6, 7, 8).

#### Financial

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Goal: To improve the delivery of services and equipment through **an improved bid process** that aligns the competitive market process with the educational focus so that the receipt of goods does not impair the teaching and learning process.

# Ysleta ISD Long-Range Technology Plan

## History of YISD Technology Planning

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### Reaching the Goals of the Technology Plan of 1998 (cont'd)

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#### Financial (continued)

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Nine activities were identified to meet this goal. Six were completed (1, 2, 4, 5, 6, 8). Four are in progress (3, 7, 9).

Goal: To build a shared vision and commitment to an organized and **efficient use of varied funding** for full integration of technology into YISD, planning with the school community on how to commit proper funding for equipment, personnel, maintenance, and construction.

Five activities were identified to meet this goal. Two were completed (2, 4). Three are in progress (1, 3, 5).

#### Resource Management

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Goal: To minimize retraining and enhance implementation of the YISD Technology Plan by implementing a **hiring criteria requiring technology knowledge and skills**.

Four activities were identified to meet this goal. All were completed.

Goal: To deliver enhanced instruction, time, and programs by providing access to technology using **multiple delivery channels**, especially to home-bound students.

Four activities were identified to meet this goal. All were completed.

Goal: To support and prepare educators to integrate technology in the classroom by developing/funding on-going and appropriate **training**, providing opportunities to learn and model practices.

Four activities were identified to meet this goal. All were completed.

Goal: To ensure effective use of all resources by **prioritization of technology implementation**.

# Ysleta ISD Long-Range Technology Plan

## History of YISD Technology Planning

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### Reaching the Goals of the Technology Plan of 1998 (cont'd)

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#### Resource Management (continued)

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Two activities were identified to meet this goal. Both were completed.

Goal: To accommodate the needs of YISD's evolving technology plan by developing a flexible **construction plan** for new facilities and refitting existing buildings.

Two activities were identified to meet this goal. Both were completed.

#### Organization / Management

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Goal: To have all educators attain a new/higher level of technological expertise by providing **"incentives and opportunities"** for learning and use of models, tools, and resources providing positives for the exploration and productive use of new strategies.

Five activities were identified to meet this goal. All were completed.

Goal: To promote technology as a basic skill and make available timely expertise in every level/area needed by developing a critical mass of **technology subject matter experts**.

Two activities were identified to meet this goal. Activity 1. was completed; activity 2. is in progress.

Goal: To ensure YISD students compete in the global community we must maintain, align, and have congruence with all stakeholders effectively implementing the district's technology through a new **organizational structure**.

Two activities were identified to meet this goal. Both were completed.

Goal: To facilitate decision-making for more effective use of resources eliminating conflict and waste by defining SBDM vs. district management decisions regarding **technology**

# Ysleta ISD Long-Range Technology Plan

## History of YISD Technology Planning

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### Reaching the Goals of the Technology Plan of 1998 (cont'd)

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#### Organization / Management

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**planning, instructional management, and administration** by planning, creating, and implementing **policies** for access to information by the school community.

Three activities were identified to meet this goal. All were completed.

#### Support Services

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Goal: To deliver the **teaching and learning tools** in a timely manner.

Four activities were identified to meet this goal. All were completed.

Goal: To increase efficiency by providing timely services to campus personnel (including **intranet** for our instructional and administrative community) minimizing disruption of the learning process by maximizing technology availability and accessibility by connecting communication devices in a **coherent and cohesive network**.

Four activities were identified to meet this goal. All were completed.

Goal: To maximize **internal operational services** (financial, human resources, etc.) by using the technology that is appropriate for each operation.

Three activities were identified to meet this goal. Activity 1 is complete; activities 2 and 3 are in progress.

#### Quality

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Goal: To define and **continually assess YISD student/teacher proficiency profiles** by virtue of our technology implementation strategies.

# Ysleta ISD Long-Range Technology Plan

## History of YISD Technology Planning

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### Reaching the Goals of the Technology Plan of 1998 (cont'd)

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#### Quality (continued)

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Six activities were identified to meet this goal. Two activities (1 and 5) are complete; four activities (2, 3, 4, and 6) are in progress.

Goal: To have equitable access to up-to-date technology, information, and training, facilitating standardization, equity, and compliance with state mandates by assessing the **return on technology investment (ROTI)** impacting student achievement.

Seven activities were identified to meet this goal. All are in progress.

Goal: To **minimize** both **impact** and **disruption** of instruction due to technical failure.

Four activities were identified to meet this goal. All are in progress.

### Updating the Technology Plan - Spring 2001

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Based on the history of the Technology Plan development and the history of technology initiatives in Ysleta over the last six years, it was crucial that the planning in the Spring of 2001 identify successfully the direction for technology in YISD for the next three years.

The Technology Plan for 2001-02 through 2003-04 addresses the evolution of the infrastructure and the identification of the instructional and administrative uses of the infrastructure and technology.

The specifics of the planning process – the actors, the topics for discussion, the timeline for initiatives, the identification of funding sources, and the measurement of our success – are outlined in the next section of the Plan (Mapping YISD Success) and the specifics of the plan make up the remainder of the Plan.

# **Ysleta ISD Long-Range Technology Plan Mapping YISD Success: The Technology Plan for 2001 - 2004**

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## **Who Will be Involved**

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The roadmap for YISD technological success is created by a wide range of YISD actors.

No one who is interested in the task of mapping the course for YISD initiatives is turned away – the only requirement is interest in and commitment to the process of planning.

In the past, the District has ensured input from all sectors of the YISD community:

- Campus teachers, staff, and administrators
- Instructional Technology staff
- Division of Instruction personnel (mentors, bilingual staff, Special Education personnel, Dropout Prevention specialist, etc.)
- Finance Division staff
- Technology Department staff (MIS personnel, networking staff, telecommunication administrators)
- Community members (parents, businesses, partners in education, etc.)

The players involved in the preparation of the YISD Technology Plan for 2001 – 2004 included:

- Carol Walters, Interim Superintendent
- Gloria Polanco-McNealy, Chief Academic Officer
- Maria Gutierrez, Director of Instructional Team
- Gerald Whitman, Interim Associate Superintendent for Human Resources
- Maria Greenup, Principal, Ranchland Hills Middle
- Jana Garcia, Principal, Indian Ridge Middle
- Carmen Zamora, Principal, Rio Bravo Middle
- Triana Olivas, Principal, Sageland Elementary

# **Ysleta ISD Long-Range Technology Plan Mapping YISD Success: The Technology Plan for 2001 - 2004**

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## **Who Will be Involved (continued)**

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- Sherry Lambert, Director of Instructional Media/Technology
- Irene Morales, Director, Risk Management
- Lucille Housen, Director, Bilingual Education
- Enrique Escobar, Director, Construction and Facilities Management
- Tom Miler, Director, USI Mentors
- Pam Howard, Special Education
- Betsy Geery, Director, Fine Arts
- Bill Richardson, Network Services Manager, Technology
- Richard Duncan, Database Administrator, Technology
- Brenda Montoya, Student Systems Manager, MIS
- Gloria Chavez, Finance Systems Manager, MIS
- John McNicol, Network Systems Engineer, Technology
- Oscar Quintela, Help Desk Manager, Technology
- Sharon Foster, Curriculum Specialist, Instructional Technology
- Skip Holmes, Curriculum Specialist, Instructional Technology
- Isela Walls, Librarian for Central Library
- Patsy Launspach, Technical Services Librarian
- Paul Jewett, Del Valle High School
- Sally Fierro, Scotsdale Elementary
- Marti Allen, Eastwood Heights Elementary
- Kay Waltmon, Desert View Middle
- Lucy Borrego, Tierra del Sol Elementary
- Lorena Olmos, Ysleta Elementary
- Ginna Rhodes, Hanks High School
- Marina Silva, Valley View Middle



# Ysleta ISD Long-Range Technology Plan

## Mapping YISD Success: The Technology Plan for 2001 - 2004

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### What We Need to Do

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The process in this phase of planning is relatively straightforward.

The purpose of the Technology Plan is to identify the direction for the District for the next several years, and in this planning session the planning committee has taken a look at the plans of the past, the progress that has been made, the position we want to see ourselves in three to five years from now, and the steps that we have to take to get there.

The planning session has allowed the District to make a careful analysis of the factors that have allowed us to progress, the impediments that have emerged, and what we have to do to continue the progress and mitigate the impediments.

This Technology Plan is the result of that analysis.

### Where We Intend to Go

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Planning for the future includes definition of instructional objectives, upgrades to the network infrastructure, provision for support of the network and the instructional initiatives, a plan for sustaining the technology program of the district, and a system to measure our success.

Section 4 of the plan is an overview of the goals and objectives in the technology arena for the next three years.

Sections 5 through 9 identify the specifics of each element of the plan. In summary, the elements that are covered in the plan include:

- ✓ Section 5 -- Instructional Objectives: Technology for Learning

The section defines what the district sees as the instructional initiatives that either need to be implemented or enhanced to provide YISD students with the most meaningful technology experience possible.

# **Ysleta ISD Long-Range Technology Plan**

## **Mapping YISD Success: The Technology Plan for 2001 - 2004**

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### **Where We Intend to Go (continued)**

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✓ **Section 6: Defining a Networked Environment**

This is a discussion of the current state of the YISD network, and the path(s) of development for the wide area network and the campus LANs from this point through the next three years.

✓ **Section 7: Supporting the Initiatives**

Section 7 presents a realistic assessment of what will be necessary to provide meaningful technology resources for the students of YISD.

This section defines the necessary support structure, both the technical support for the WAN and the campus LANs and the support for the effective integration and use of the technology resources in the curriculum.

Included in this discussion are the personnel resources required: an effective organizational structure for those personnel; and a plan for the acquisition/ replacement of hardware and software at the network and the classroom level.

✓ **Section 8: Paying Our Way**

Section 8 explains how the district intends to provide those services, including funding from local sources, E-rate discounts, TIFB grants, and other funding sources. Particular attention will be given to alternate plans in the event external funding sources are eliminated or curtailed (in particular, Texas HB 2128 and E-rate).

✓ **Section 9: The YISD Technology Report Card**

This section explains how YISD will evaluate the progress we make to meet the goals and objectives of the plan, and how closely our progress mirrors the plan that we defined. The evaluation will include both internal and external assessments.

# **Ysleta ISD Long-Range Technology Plan**

## **Mapping YISD Success: The Technology Plan**

### **for 2001 - 2004**

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#### **When We Will Arrive**

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In Section 10, the District has defined the roadmap for our technology initiatives of the next three years. This roadmap includes the dates when we think we will implement the various steps that have been defined in the Technology Plan.

We appreciate that circumstances will force adjustments to these time frames, but we also are confident that our experience in planning and in implementing the plans in the past are factors that allow us to make these predictions with confidence.

Should there be adjustments to the time frames defined in this Technology Plan, justification for the adjustments will be made so that the Board of Trustees, the Cabinet officers, and the campuses/departments affected will understand the rationale.

#### **Why It's Important**

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The formalized planning that the District does for technology is important for several reasons, not the least of which is that it places the YISD in compliance with those funding organizations (e.g., Schools and Libraries Division, E-rate funding) that require up-to-date technology plans as part of the application package. Section 11 describes the features of the Technology Plan that are required for continued participation in the E-rate program.

The most important reasons for the process is to involve the YISD community in the area of technology, to bring the campuses/departments together to discuss the direction and the needs in the area of technology, and to ensure that the direction for technology initiatives is clear and well-thought out.

For those reasons, the planning process is re-visited on a regular basis, and the participants are as inclusive as possible.

# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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The goals and objectives for the YISD Technology Plan for 2001 – 2004 encompass all the areas that impact the YISD technology initiatives.

The goals and objectives reflect not only the YISD's commitment to providing the most up-to-date and plentiful technology resources possible, but also a commitment to funding levels that will sustain the initiatives and the support requirements to ensure that the best instructional use is made of the technology.

The goals and objectives center on:

- ↓ definition of instructional objectives
- ↓ enhancement of the YISD telecommunications network
- ↓ technical support of the networks and computer resources
- ↓ support for curriculum development and integration of the technology into the curriculum
- ↓ a plan for professional development in technology
- ↓ funding for technology
- ↓ measurement and evaluation of the progress of the District in the technology arena

## Well-Defined Instructional Objectives

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The YISD Technology Plan has been developed with the overarching goal of providing a technology environment that contributes to the instructional achievement of the YISD students.

Instruction is the most important end result of the YISD technology initiatives.

In order for the District to construct the most effective instructional use of technology, it is critical for the District to define the objectives that the District wants to meet.

The objectives are defined in Section 5, where the instructional goals and objectives are also described.

The objectives are ubiquitous in the sense that all campuses are expected to benefit from the objectives.

The objectives are usable in the sense that they can be implemented by the campuses to fully utilize the strengths of the campus instructional leaders and faculty.

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# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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### Well-Defined Instructional Objectives (continued)

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The instructional goals that the District has defined call for:

- ⇓ establishment of clear requirements for the amount of technology on District campuses, and plans to provide access to technology for all students and staff
- ⇓ increased use of project-based learning
- ⇓ incorporation of technology TEKS into the curriculum
- ⇓ establishment of courses to teach the technology application courses (web authoring, programming, networking, etc.)
- ⇓ continuation of projects to improve library technology resources
- ⇓ professional development plans to provide staff with technology proficiencies

### Enhancement of YISD Telecommunication Infrastructure

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The YISD Technology Plan has been developed with the overarching goal of providing a technology environment that contributes to the instructional achievement of the YISD students.

To that end, the infrastructure and capability of the District technology infrastructure is increasingly important.

The Technology Plan addresses infrastructure requirements in the following areas:

- ⇓ Capacity of the YISD connection to the Internet
- ⇓ Wide Area Network (WAN) capacity and speed (connections between the central office and the campuses)
- ⇓ Local Area Network (LAN) capacity and speed
- ⇓ Flexibility and options of campuses to construct a LAN environment best-suited to the instructional objectives of each individual campus

# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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### Support Structure for Technical Support, Curriculum Development and Integration of Technology into the Curriculum

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The support issue generally revolves around two distinct areas where support is crucial to the success of the YISD's technology initiatives:

- Support for use and integration of the technology into the curriculum.

Support for the widest, most effective use of technology, and for integration of technology into the curriculum covers several areas: training in basic computer usage, advanced technology usage, use of specific instructional and administrative software, curriculum development and customizing technology resources for specific purposes in the classroom, and instructional web site identification and review.

- Technical support.

"Technical support" likewise covers a large amount of territory, including support for the networks (both WAN And campus LANs), training and support of the campus technical person(s), support for application packages, and support to keep the workstations operational.

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### Issues in Establishing Appropriate Levels of Support

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In defining the best structure for support of technology integration, the District has sought to combine the most successful current strategies with other promising strategies that will address our support requirements and with successful support strategies from other educational organizations.

Some of the difficulties in establishing the optimum support structure for YISD include issues that confront all educational organizations trying to support technology initiatives.

# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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### Support Structure for Technical Support, Curriculum Development and Integration of Technology into the Curriculum (continued)

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#### Issues in Establishing Appropriate Levels of Support (cont'd)

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Our task is to address the support issues within the constraints that YISD, like the majority of K-12 districts, faces. Some of the those issues are:

- The campus-level support has not been fully defined; as a result, the support person(nel) often are responsible for both technical support, loading and inventorying software, and technology integration
- Unclear definition of the centralized/decentralized responsibilities for both technical support and support of technology integration
- Reluctance of campuses/districts to hire non-teaching faculty
- Unrealistic view on the part of some districts of the staffing demands for all levels of support
- Varying levels of technical proficiency and varying levels of enthusiasm for technology
- Unclear (non-existent) current definition of the best support structure for K-12

#### Goals and Objectives for Support of Increased Use of Technology and Technology Integration

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The Technology Plan defines the terms and concepts relevant to the issue of technology integration into the curriculum, and provides goals and objectives, and supporting information, in the areas of:

- Centralized definition of standards in the areas of TEKS support for the WAN and the campus LANs

# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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### Support Structure for Technical Support, Curriculum Development and Integration of Technology into the Curriculum (continued)

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#### Goals and Objectives for Support of Increased Use of Technology and Technology Integration (cont'd)

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- Development of benchmarks for technology skills for students and staff
- Requirements for addressing technology related areas in the ICAPs (Integrated Campus Action Plans), including standards for the amount of technology that must be provided for student use, requirements for professional development to increase the technology proficiencies of the staff, benchmarks for student and staff skill acquisition, and realistic and supportive means of measuring progress.
- Definition of requirements for campus library systems and options and support for campuses to customize the library technology environment to technical Centralized support for the maintenance and repair of computers at the campuses, especially those most heavily used in instructional settings

#### Goals and Objectives for Technical Support

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The Technology Plan also defines the terms and concepts relevant to the issue of technical support.

The Technology Plan provides goals and objectives, and supporting information, in the areas of:

- Centralized support for the WAN and the campus LANs
- Centralized support for the maintenance and repair of computers at the campuses, especially those most heavily used in instructional settings
- Centralized support and training for administrative applications, including student system and finance system



# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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### Support Structure for Technical Support, Curriculum Development and Integration of Technology into the Curriculum (continued)

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#### Goals and Objectives for Technical Support (continued)

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- Campus responsibility (options) in the maintenance and support of both the LAN and computer resources
- Establishment of goals for numbers of support specialists (per campus and per feeder pattern)

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#### Professional Development Plan

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One of the primary vehicles for attainment of required level of technical proficiencies is professional development.

Professional development is addressed in some measure in the campus action plans, but within the YISD professional development has been addressed primarily through a centralized professional development strategy.

Goals and objectives are covered in the Technology Plan for professional development in the technology area, including: training in specific areas, and in professio

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#### Measurement and Evaluation

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Measurement of success has been a part of the current Technology Plan; measurement of the district's technological progress and evaluation of the strategies that the district employs to advance technology are an important part of the new Technology Plan.

Goals and objectives for measurement and evaluation have been developed in these specific areas:

- ✓ Student achievement in technology areas
- ✓ Student use of digital portfolios

# Ysleta ISD Long-Range Technology Plan

## Goals and Objectives

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### Measurement and Evaluation (continued)

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- ✓ Increase in technology proficiencies of YISD staff
- ✓ Success of project to upgrade connectivity between the YISD central office and campuses
- ✓ Success of project to enhance Internet access (bandwidth to the Internet from YISD central office)
- ✓ Success of campus LAN enhancements
- ✓ Decrease in network downtime
- ✓ Level of satisfaction with network access and reliability, telephone system, administrative systems, professional development opportunities

# Ysleta ISD Long-Range Technology Plan

## Instructional Objectives: Technology for Learning

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### Technology for Learning

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The YISD objective has always been to place instruction and learning at the highest place of importance in any of the technology endeavors of the district.

In some instances, that has been an implicit presumption. At this juncture, the planning team for the YISD's technology long-range plan makes the unequivocal assertion that the district will undertake technology initiatives to first and foremost promote instruction and learning.

### Adoption of Previous Initiatives

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The progress that the District has made in increasing technology in the instructional day has been substantial.

### Internet Access

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The Internet is available in every campus in the library, in computer labs, and via individual workstations in classrooms.

The Internet is now a standard research tool, and many campuses have integrated Internet sites and resources into course material and course requirements.

After the completion of the first phase of campus LAN wiring, connections were available to the Internet at each campus. Beginning in 1996-97, campus computer labs and libraries became the priority for connection to the Internet. With each succeeding year, additional campuses were connected to the Internet, primarily with connections in computer labs and libraries.

The growth in Internet access has grown every year at virtually every campus: the connections have extended from labs and libraries to connections in individual classrooms.

# **Ysleta ISD Long-Range Technology Plan**

## **Instructional Objectives:**

### **Technology for Learning**

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#### **Adoption of Previous Initiatives (continued)**

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##### **Internet Access (continued)**

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Currently, in the Spring 2001, every campus has Internet access for students and staff from a variety of locations: computer lab(s), library, classrooms, and administrator workstations.

##### **Library Resources**

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The District's library initiatives have been undertaken with the intent to make the campus library the centerpiece for research and information.

To improve the library facilities at every campus, the District has:

- ✓ upgraded and increased campus library equipment;
- ✓ provided for the installation of Time Warner Internet access in the library for research purposes.
- ✓ installed a centralized, district-wide library system to streamline management of the libraries, to facilitate exchange of resources among district libraries, to increase the number of online periodical holdings and indexes, and to provide additional online research capability.
- ✓ joined on a district level the TLC (Texas Library Connection), a consortium of library organizations that includes K-12 districts, public libraries, and other libraries from Texas public organizations.
- ✓ provided online, electronic data bases at all campus libraries, increasing the resources available and providing students with the skills to use these resources (which are commonplace in higher education libraries).
- ✓ joined the EPAL consortium (a consortium of El Paso area libraries).

# Ysleta ISD Long-Range Technology Plan

## Instructional Objectives: Technology for Learning

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### Adoption of Previous Initiatives (continued)

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#### TEKS and Technology Applications

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The state-mandated TEKS and technology applications have been addressed in detail over the last three years as a priority of the YISD in the area of instructional technology.

The work that has been done during the last three school years (1998-99, 1999-2000, 2000-01) includes:

- ✓ Development of benchmarks and expected proficiencies for students in the TEKS and Technology Applications; the benchmarks were available for general use in June 2000, and were organized according to grade level (i.e., K-2, 3-5, 6-8, and 9-12).

As part of the benchmarks, an Action Plan that included the tasks required for the implementation of the TEKS and Technology Applications courses.

- ✓ Instructional Technology defined a Scope and Sequence for effectively teaching skills such as keyboarding, word processing, computer basics, graphics/multi-media, databases, communication tools, and assessment of progress.

The Scope and Sequence was developed for use by campuses as a guide in introducing the skills, developing methods to teach the skills, and assess students' progress in this area.

- ✓ Campuses and central office instructional support teams developed requirements that campuses address TEKS and Technology Applications in the ICAPs (Integrated Campus Action Plans).

The ICAPs must address hardware purchase, maintenance, and upgrades; access and use of telecommunications by all students and staff; professional development strategies; the teaching of TEKS for Technology Applications; and the implementation of technology into all areas of instruction.

# Ysleta ISD Long-Range Technology Plan

## Instructional Objectives: Technology for Learning

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### Adoption of Previous Initiatives (continued)

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#### May 1998 Master Plan of Tactical Activities

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As part of the revision of the YISD Long Range Technology Plan in 1998, a Master Plan of tactical activities was created. The activities addressed the goals defined in the 1998 revision of the Plan, and many of the activities addressed instructional objectives.

The activities developed for the May 1998 Master Plan included specific activities that addressed the instructional goals listed below. Please refer to the May 1998 Master Plan Worksheet of Activities to see the specific activities, the begin and end dates, the resources needed for completion of the activities, the persons accountable and the contributors, and the evaluation criteria.

- Goal: To use technology to **increase student performance** across the curriculum

Seven activities were identified for this goal.

- Goal: To provide instruction to prepare students with **technology work skills** ready to compete in a global society.

Six activities were identified for this goal.

- Goal: To synthesize and communicate relevant knowledge by developing strategies to increase/assess student and educator **technology proficiencies**.

Four activities were identified for this goal.

- Goal: To synthesize and communicate relevant knowledge by developing strategies to increase/assess student and educator **technology proficiencies**.

Four activities were identified for this goal.

- Goal: To provide access to technology to raise student expectations, choices, and productivity by **maximizing learning opportunities**.

Eight activities were identified for this goal.

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# Ysleta ISD Long-Range Technology Plan

## Instructional Objectives: Technology for Learning

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### Adoption of Previous Initiatives (continued)

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#### May 1998 Master Plan of Tactical Activities (continued)

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- Goal: To maintain educators' skill currency and facilitate the sharing and distribution of technology knowledge and skills.

Four activities were identified for this goal.

### Instructional Goals and Objectives: 2001-02 through 2003-04

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#### Project-Based Learning

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Project-based learning is defined as instruction that centers around an issue or problem, and that requires the students to:

- research a variety of issues pertaining to the project
- use their internet research skills, their skills with other online library resources, and e-mail communication to gather information
- use their word processing skills, spreadsheet, and database software to analyze the information, to organize their report/findings, and to prepare and revise their presentation
- to use word processing skills, presentation software, and other appropriate software and electronic resources to distribute their findings

Project-based learning is a type of instruction that is interdisciplinary and that allows the student to discover different approaches to any specific project or problem, to narrow down the scope of their specific investigation, to identify a thesis and organization pattern for their presentation, and draft and revise their final product.

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# Ysleta ISD Long-Range Technology Plan

## Instructional Objectives: Technology for Learning

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### Instructional Goals and Objectives: 2001-02 through 2003-04 (continued)

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#### Project-Based Learning

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In addition to retaining their position as experts in the field they are teaching, teachers become guides to the students to help them refine their approach, narrow the scope of their response appropriately, and discover alternate paths to the solution of the problem(s).

Teachers also assist the students to identify and incorporate the appropriate technology tools into their projects.

- Goal: To incorporate project-based learning as a vehicle for integrating technology into the curriculum, at all grade levels and as part of every instructional area.
- Goal: To provide guides for the use of project-based learning at every grade levels (e.g., appropriate projects and activities, time frames, levels of detail, and expectations).
- Goal: To conduct professional development that addresses specifically the area of project-based learning and that provides teachers with the skills to incorporate project-based learning into their courses.



# **Ysleta ISD Long-Range Technology Plan**

## **Instructional Objectives: Technology for Learning**

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### **Instructional Goals and Objectives: 2001-02 through 2003-04 (continued)**

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#### **TEKS and Technology Applications**

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As noted previously and in other sections of the Plan, TEKS and Technology Applications have occupied a central place in the list of instructional technology objectives.

Because of their importance to all students in the acquisition of basic computer skills, enhancement of those basic skills, and completion of courses in programming, networking, and web page development, the District will continue to include TEKS and Technology Applications as an important segment of our instructional objectives for technology.

- Goal: Ensure campuses continue to address the TEKS and Technology Applications as part of ICAPs, including plans for implementing Technology TEKS.
- Goal: Ensure campuses employ the district-level benchmarks as measurement of the progress of students in acquiring basic and advanced technology skills.
- Goal: Provide workshops and other training for campuses that help campuses understand and employ the Scope and Sequence as a guide for teaching TEKS and Technology Applications.